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Alpha-olefin polymerisation catalysts - comprise Ziegler Natta catalytic component and organic metal-modified component contg. metallocene

Patent Assignee: QUANTUM CHEM CORP (NADI) Number of Countries: 001 Number of Patents: 001

Patent Family:

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Abstract (Basic): JP 7002922 A

Alpha-olefin polymsn. catalysts contg. indispensable elements of (a) Ziegler-Natta catalytic component and (b) organic metal-modified component contg. metallocene, are characterised in that (1) they give two peaks in the molecular distribution of polymers produced and/or (2) they have higher response than that of a typical Ziegler-Natta catalyst.

A process for polymsn. of alpha-olefin using a catalyst of this type with an Al-contg. co-catalyst is also claimed.

USE - Esp. for (co)polymerisation of ethylene.

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Derwent Class: A17

International Patent Class (Main): C08F-004/654 International Patent Class (Additional): C08F-010/00